

ABSTRACT:

A semiconductor device (20) comprising a substrate (1) is provided with a first semiconductor element (3) on a first side (2), of the substrate and with a security coating (14) comprising a matrix, a first filler and a second filler. The second filler is an absorber of radiation of a wavelength of between 800 and 1400 nm and the refractive index of the first
5 filler differs at least 0.3 from that of the matrix. As a result, the security coating inhibits transmission of radiation with a wavelength of between 400 and 1400 nm to a very large extent. The semiconductor device (20) can be incorporated in a smartcard.

Fig. 1